

TECHNICAL QUESTIONNAIRE 3.102/3 Impulse Current Test System

quotation number
(will be filled in by HIGHVOLT)

PERSONAL DATA

name: * _____

company / institution: * _____

phone: _____

e-mail: * _____

fax: _____

APPLICATION

* mandatory fields

test shop research institute on-site

training / education other please specify _____

mainly for the following test objects:

REQUIRED DATA (as far as known)

total charging voltage: _____ kV

total charging energy: _____ kJ

TECHNICAL DATA (dimensioning of the generator according to the following load cases)

impulse test of surge arresters - exponentially impulse currents

test case	type of arresters				impulse current		nominal residual
	without gap	with gap	metal oxide	silicon carbide	type	peak value	voltage of the arrester
					µs/µs	kA	kV
1.							
2.							
3.							
example	x		x		8/20	10	540

impulse test of surge arresters - rectangular impulse currents

test case	type of arresters				impulse current			nominal residual
	without gap	with gap	metal oxide	silicon carbide	duration	peak value	arrester classification	voltage of the arrester
					µs	A	kA	kV
1.								
2.								
3.								
example 1	x		x		1000	75	---	120
example 2	x		x		2800	---	20	540

